

Applicants: FLORIAN KERN ET AL.
U.S. Application No.: 09/600,564
Combined Amendment and Election of Species

Amendments to the Abstract:

Please replace the abstract with the following amended abstract:

Peptides, which may be fragments of the IE-1 or pp65 proteins, selected from the following group of sequences:

R_N - Gln Thr Met Leu Arg Lys Glu Val Asn Ser Gln Leu Ser Leu Gly - R_C (SEQ ID No. 1)

R_N - Cys Asn Glu Asn Pro Glu Lys Asp Val Leu Ala Glu Leu Val Lys - R_C (SEQ ID No. 2)

R_N - Leu Val Lys Gln Ile Lys Val Arg Val Asp Met Val Arg His Arg- R_C (SEQ ID No. 12)

R_N - Ala Ala Asn Lys Leu Gly Gly Ala Leu Gln Ala Lys Ala Arg Ala - R_C (SEQ ID No. 13)

R_N - Ala Arg Ala Lys Lys Asp Glu Leu Arg Arg Lys Met Met Tyr Met- R_C (SEQ ID No. 2)

R_N - Asp Glu Leu Arg Arg Lys Met Met Tyr Met- R_C (SEQ ID No. 3)

R_N - Glu Leu Arg Arg Lys Met Met Tyr Met Cys Tyr Arg Asn Ile Glu- R_C (SEQ ID No. 4)

R_N - Val- Thr Ser Asp Ala Cys Met Met Thr Met Tyr Gly Gly Ile Ser- R_C (SEQ ID No. 15)

R_N - Glu Phe Cys Arg Val Leu Cys Cys Tyr Val Leu Glu Glu Thr Ser- R_C (SEQ ID No. 5)

R_N - Met Ser Ile Tyr Val Tyr Ala Leu Pro Leu Lys Met Leu Asn Ile- R_C (SEQ ID No. 16)

R_N - Val Tyr Ala Leu Pro Leu Lys Met Leu Asn Ile Pro Ser Ile Asn - R_C (SEQ ID No. 17)

R_N - Ala Leu Pro Leu Lys Met Leu Asn Ile - R_C (SEQ ID No. 18)

R_N - His Ile Met Leu Asp Val Ala Phe Thr Ser His Glu His Phe Gly - R_C (SEQ ID No. 19)

R_N - Asp Val Ala Phe Thr Ser His Glu His Phe Gly Leu Leu Cys Pro- R_C (SEQ ID No. 20)

R_N - Val Ala Phe Thr Ser His Glu His Phe- R_C (SEQ ID No. 21)

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R_N - Ala Phe Thr Ser His Glu His Phe Gly - R_C (SEQ ID No. 22)

R_N - Ala Asn Asp Ile Tyr Arg Ile Phe Ala Glu Leu Glu Gly Val Trp- R_C (SEQ ID No. 23)

R_N - Val Cys Ser Met Glu Asn Thr Arg Ala Thr Lys Met Gln Val Ile- R_C (SEQ ID No. 24)

R_N - Glu Asn Thr Arg Ala Thr Lys Met Gln Val Ile Gly Asp Gln Tyr- R_C (SEQ ID No. 25)

R_N - Asn Thr Arg Ala Thr Lys Met Gln Val- R_C (SEQ ID No. 26)

R_N - Thr Arg Ala Thr Lys Met Gln Val Ile - R_C (SEQ ID No. 27)

R_N - Gln Pro Phe Met Arg Pro His Glu Arg Asn Gly Phe Thr Val Leu - R_C (SEQ ID No. 28)

R_N - Pro Leu Lys Met Leu Asn Ile Pro Ser Ile Asn Val His His Tyr- R_C (SEQ ID No. 29)

R_N - Leu Asn Ile Pro Ser Ile Asn Val His His Tyr Pro Ser Ala Ala - R_C (SEQ ID No. 30)

R_N - Glu Asp Val Pro Ser Glu Lys Leu Phe Met His Val Thr Leu Gly - R_C (SEQ ID No. 31)

R_N - Cys Arg Val Leu Cys Cys Tyr Val Leu - R_C (SEQ ID No. 6)

R_N - Arg Val Leu Cys Cys Tyr Val Leu Glu - R_C (SEQ ID No. 7)

R_N - Val Leu Cys Cys Tyr Val Leu Glu Glu - R_C (SEQ ID No. 8)

R_N - Glu Leu Arg Arg Lys Met Met Tyr Met- R_C (SEQ ID No. 9)

R_N - Asp Glu Leu Arg Arg Lys Met Met Tyr - R_C (SEQ ID No. 10)

R_N - Asp Glu Leu Arg Arg Lys Met Met Tyr Met - R_C (SEQ ID No. 14)

R_N - Asp Glu Glu Glu Ala Ile Val Ala Tyr Tyr Leu Ala Thr Ala Gly - R_C (SEQ ID No. 32)

or

R_N - Glu Asn Ser Asp Gln Glu Glu Ser Glu Gln Ser Asp Glu Glu Glu - R_C (SEQ ID No. 33)

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wherein

R_N represents -H or an amino protective group;

R_C represents -OH or a carboxy protective group.

The peptides according to the invention are used for preparing a medicament for vaccination against HCMV infections, or a diagnostic agent for identifying an immune response against HCMV.